

PTO/SB/21 (08-00)

TRANSMITTAL **FORM** 

08/841,644 **Application Number** April 30, 1997 Filing Date First Named Inventor Shunpei YAMAZAKI et al. **Group Art Unit** 2813 L. Schillinger **Examiner Name** 

(to be used for all correspondence after initial filing) 0756-1603 Total Number of Pages in This Submission **Attorney Docket Number** ENCLOSURES (check all that apply) After Allowance Communication to **Assignment Papers** Fee Transmittal Form (for an Application) Appeal Communication to Board Drawing(s) Fee Attached of Appeals and Interferences Declaration and Power of Amendment / Reply Appeal Communication to Group Attorney (Appeal Notice, Brief, Reply Brief) Licensing-related Papers After Final Proprietary Information Petition Status Letter RECEIVED Affidavits/declaration(s) Petition to Convert to a **Extension of Time Request** Other Enclosures **Provisional Application** Power of Attorney, Revocation **Express Abandonment Request** OCT 0 4/2004 2. Change of Correspondence 3. Information Disclosure Statement Address 4. TECH CENTER 2800 Terminal Disclaimer Certified Copy of Priority 5. Document(s) Request for Refund Response to Missing Parts/ CD, Number of CD(s) Incomplete Application Remarks The Commissioner is hereby authorized to charge any additional Response to Missing Parts fees required or credit any overpayments to Deposit Account No. 50under 37 CFR 1.52 or 1.53 2280 for the above identified docket number. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Eric J. Robinson, Reg. No. 38,285 Firm Robinson Intellectual Property Law Office, P.C. **PMB 955** Individual name 21010 Southbank Street Potomac Falls, VA 20165 Signature Date 9-28-04 **CERTIFICATE OF MAILING** I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below. Type or printed name

9-28.04 Date Signature Stampu

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| BADEUFEE TRANSMITTAL |
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| FOR FV 2004          |

Effective 10/01/2003. Patent fees are subject to annual revision. ☐ Applicant Claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

Signature

|                      | Complete if Known       |  |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|--|
| Application Number   | 08/841,644              |  |  |  |  |  |
| Filing Date          | April 30, 1997          |  |  |  |  |  |
| First Named Inventor | Shunpei YAMAZAKI et al. |  |  |  |  |  |
| Examiner Name        | L. Schillinger          |  |  |  |  |  |
| Group Art Unit       | 2813                    |  |  |  |  |  |
| Attorney Docket No.  | 0756-1603               |  |  |  |  |  |

Date

9-28-04

| METHOD OF PAYMENT   |                                    |                                  | T                |                        |                                       |                      | FEE CALCU                 | LATION                                 | TO THE T                                  | 7                  |  |
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| 1. The Commissioner is hereby authorized to charge indicated              |                                    |                                  | 3. A             | 3. ADDITIONAL FEES     |                                       |                      |                           |  |   |                    |  |
|   | es and credit any overpayments to: |                                  | Fee              | Larg<br>Enti<br>Fee    |                                       | Smal<br>Entit<br>Fee |                           |  | OCT 0 4 2004                              |                    |  |
| Account<br>Number   | 50-2280                            | 0                                |                  | Code                   | (S)                                   | Code                 |                           | Fee Desci                              | ription                                   |                    | Fee Paid   |
|   |                                    |                                  |                  | 1051                   | 130                                   | 2051                 | 65                        | Surcharge - late fili                  | ing fee or oa                             | H CENTER 280       | )  |
| Deposit<br>Account  | Pohinso                            | on Intellectual Prope            | arts.            | 1052                   | 50                                    | 2052                 | 25                        | Surcharge - late pro                   | ovisional filing fe                       | e or cover sheet   |  |
| Name  | Law Of                             | •                                | arty             | 1053                   | 130                                   | 1053                 | 130                       | Non-English specif                     | ication                                   |                    |  |
| Charge  | A A d d (a)                        | 1 C D                            | <del></del>      | 1812                   | 2,520                                 | 1812                 | 2,520                     | For filing a request                   | for ex parte reex                         | amination          |  |
|   | Any Addition<br>37 CFR 1.16        | nal Fee Required<br>and 1.17 and |                  | 1804                   | 920*                                  | 1804                 | 920                       | <ul> <li>Requesting publica</li> </ul> | tion of SIR prior                         | to Examiner action |  |
|   | verpayments                        |                                  |                  | 1805                   | 1,840*                                | 1805                 | 1,840                     | * Requesting publicat                  | tion of SIR after                         | Examiner action    |  |
|   | ant claims sma<br>CFR 1.27         | all entity status.               |                  | 1251                   | 110                                   | 2251                 | 55                        | Extension for reply                    | within first mont                         | th                 |  |
| 2. 🗷 Payme  | ent Enclose                        | d:                               | -                | 1252                   | 420                                   | 2252                 | 210                       | Extension for reply                    | within second m                           | onth               |  |
| Check   |                                    | lit Card                         | Other            | 1253                   | 950                                   | 2253                 | 465                       | Extension for reply                    | within third mon                          | th                 |  |
| = ==================================                                      | _ 0.00                             | Order                            |                  | 1254                   | 1,480                                 | 2254                 | 740                       | Extension for reply                    | within fourth mo                          | onth               |  |
|   | FEE                                | E CALCULATION                    |                  | 1255                   | 2,010                                 | 2255                 | 1005                      | Extension for reply                    | within fifth mon                          | th                 |  |
| 1. BASIC FIL  | ING FEE                            |                                  |                  | 1401                   | 330                                   | 2401                 |                           | Notice of Appeal                       |   |                    |  |
| Large Entity  |                                    |                                  |                  | 1402                   | 330                                   | 2402                 | 165                       | Filing a brief in sup                  | port of an appeal                         |                    |  |
| Fee Fee<br>Code (\$)  | Fee F<br>Code (S                   | ee Fee Description  S)           | Fee Paid         | 1403                   | 290                                   | 2403                 | 145                       | Request for oral her                   | aring                                     |                    |  |
| 1001 770  | 2001 38                            | 35 Utility filing fee            |                  | 1451                   | 1,510                                 | 1451                 | 1,510                     | Petition to institute                  | a public use proc                         | eeding             |  |
| 1002 340  | 2002 17                            | , ,                              |                  | 1452                   | 110                                   | 2452                 | 55                        | Petition to revive -                   | unavoidable                               |                    |  |
| 1003 530  | 2003 26                            |                                  |                  | 1453                   | 1,330                                 | 2453                 | 665                       | Petition to revive -                   | unintentional                             |                    |  |
| 1004 770  | 2004 38                            | Reissue filing fee               |                  | 1501                   | 1,330                                 | 2501                 | 665                       | Utility issue fee (or                  | reissue)                                  |                    |  |
| 1005 160  | 2005 8                             | Provisional filing fe            | e                | 1502                   | 480                                   | 2502                 | 240                       | Design issue fee                       |   |                    |  |
|   |                                    |                                  |                  | 1503                   | 640                                   | 2503                 |                           | Plant issue fee                        |   |                    |  |
| SUBTOTAL (1) (\$)   |                                    |                                  | 1460             | 130                    | 1460                                  | 130                  | Petitions to the Con      | nmissioner                             |   |                    |  |
| 2. EXTRA CI   | LAIM FEE                           | S                                | <u> </u>         | 1807                   | 50                                    | 1807                 | 50                        | Processing fee unde                    | er 37 CR 1.17(q)                          |                    |  |
|   |                                    | Fee fr                           |                  | 1806                   | 180                                   | 1806                 | 180                       | Submission of Info                     | rmation Disclosu                          | re Stmt            | \$180  |
| Total Claims  | -20*                               | Extra Claims below  ** = X \$18  | Fee Paid         | 8021                   | 40                                    | 8021                 |                           | Recording each pat                     | es)                                       |                    |  |
| Independent [<br>Claims   | -3**                               | Y = X \$86                       | =                | 1809                   | 770                                   | 2809                 | 385                       | Filing a submission § 1.129(a))        | after final reject                        | ion (37 CFR        |  |
| Multiple Depend   | ent                                |                                  | =                | 1810                   | 770                                   | 2810                 | 385                       | For each additional § 1.29(b))         | invention to be e                         | examined (37 CFR   |  |
| Large Entity  | Small En                           |                                  |                  | 1801                   | 770                                   | 2801                 | 385                       | Request for Continu                    | ued Examination                           | (RCE)              |  |
| Fee Fee<br>Code   | Fee F<br>(\$) Cod                  | Tee Fee Description e (\$)       |                  | 1802                   | 900                                   | 1802                 | 900                       | Request for expedit                    | ted examination o                         | of a design        |  |
| 1202 18   | 2202                               | 9 Claims in excess of            | 20               |                        | . Can /-:                             | دعند                 |                           | application                            |   |                    | <del>                                     </del> |
| 1201 86   |                                    | 43 Independent claims            |                  | Other                  | fee (spe                              | city)                |                           |  |   |                    |  |
| 1203 290  |                                    | 45 Multiple dependent            |                  | * Red                  | luced by                              | Basic F              | iling F                   | ee Paid                                | SUBTOTAL (3                               | (\$) 180.00        |  |
| 1204 86   | 2204                               | 43 ** Reissue indepen            | lent claims over |                        |                                       | 24510 1              |                           |  | (-)                                       | , (4, 131111       |  |
|   |                                    | original patent                  |                  | ŀ                      |                                       |                      |                           | OFD THE CA                             | TT 05 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                    |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent |                                    |                                  |                  | 1                      | hereby ce                             | rtify tha            | it this correspondence is | TE OF MAILING<br>being deposited wit   | h the United States Postal                | Service with       |  |
| SUBTOTAL (2) (\$)   |                                    |                                  | suffici<br>VA 22 | ent posta;<br>313-1450 | ge as first<br>), on $oldsymbol{Q}$ . | class m              | ail in an envelope addres | 2. 1.1.                                | er for Patents, P.O. Box 1                | 150, Alexandria,   |  |
| **or number previously paid, if greater; For Reissues, see above          |                                    |                                  |                  |                        |                                       |                      | <u>~ o · ·</u>            | · noul                                 | 11 XJ WW                                  | pu                 |  |
|   |                                    | nu, ii gicaici, roi Keissues,    | Sec above        |                        |                                       |                      |                           |  | Complete (if                              | annliaghle)        |  |
| SUBMITTED   |                                    | Eric J. Robinson                 |                  | Regi                   | stration                              | 1 No.                | 35                        | 3,285                                  |   | (571) 434-678      | <del></del>                                      |
| Name (Print/T   | ype)                               | Elic J. Robinson                 |                  | _                      | rney/A                                |                      | 136                       | ,,20,                                  | Telephone                                 | (3/1/434-0/0       | ,  |



Attorney Docket No. 0756-1603

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Patent Application of:  | ) | Group Art Unit: 2813  |
|-------------------------------|---|---|
| Shunpei YAMAZAKI et al.       | ) | Examiner: L. Schillinger  |
| Serial No. 08/841,644         | ) | CERTIFICATE OF MAILING I hereby certify that this correspondence is                             |
| Filed: April 30, 1997         | ) | being deposited with the United States Postal<br>Service with sufficient postage as First Class |
| For: SEMICONDUCTOR DEVICE AND | ) | Mail in an envelope addressed to:<br>Commissioner for Patents, P.O. Box 1450,                   |
| METHOD FOR FORMING THE        | ) | Alexandria, VA 22313-1450, on 9 28 04   |
| SAME                          | ) | adile M Stampy  |
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Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

Respectfully submitted,

Eric J. Robinson

Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.

PMB 955

21010 Southbank Street

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(571) 434-6789

09/30/2004 BABRAHA1 00000004 08841644

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| INFORMATION DISCLOSURE        |  |                   |                 | Application Number     | 08/841,644               |
|                               |  |                   |                 | Filing Date            | April 30, 1997           |
| STAT                          | STATEMENT BY APPLICANT (use as many sheets as necessary) |                   |                 | First Named Inventor   | Shunpei YAMAZAKI, et al. |
|                               |  |                   |                 | Group Art Unit         | 2813                     |
|                               |  | Examiner Name     | L. Schillinger. |                        |                          |
| Sheet                         | ì  | of                | 1               | Attorney Docket Number | 756-1603                 |

|                      |             |                      |                                   | U.S. PATENT DOCUMENT                   | rs   |  |
|----------------------|-------------|----------------------|-----------------------------------|--|--|--|
| Examiner<br>Initials | Cite<br>No. | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|                      |             | Number               | Kind Code <sup>2</sup> (if known) | Document                               | MUVI-DD-1111                                     |  |
| OIP                  | - F         | 4,528,480            |                                   | Unagami et al.                         | 07/09/1985                                       | <u> </u>   |
|                      | 7           | 5,572,047            |                                   | Hiroki et al.                          | 11/05/1996                                       |  |
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|                      |             |                      |                                   |  |  |  |

|                       |   |                            |  | OREIGN PATENT DOCU          | IMENTS                                   |   |                |
|-----------------------|---|----------------------------|--|-----------------------------|--|---|----------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup>  | Foreign Pater              | t Document                                       | Name of Patentee or         | Date of Publication of Cited<br>Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant |                |
|                       |   | Office <sup>3</sup> Number | Kind Code <sup>3</sup> r <sup>4</sup> (if known) | Applicant of Cited Document | MM-DD-YYYY                               | Figures Appear  | T <sup>6</sup> |
|                       |   |                            |  | . , -                       |  |   |                |
|                       |   |                            |  |                             |  |   |                |
|                       | -   |                            |  |                             |  |   |                |
|                       |   |                            | OTHER PRIOR                                      | ART - NON PATENT LITER      | RATURE DOCUMENTS                         |   |                |
| Examiner<br>Initials* |   |                            |  |                             |  | priate), title of the<br>e-issue number(s),                   | T <sup>2</sup> |
|                       | S. Wolf et al., Silicon Processing for the VLSI Era, Volume I, Process Technology, 1986, Pages 190-191. |                            |  |                             |  |   |                |
|                       |   | S. Wolf, <i>Sili</i> 362.  | con Processir                                    | ng for the VLSI Era, Vo     | olume 2, Process Inte                    | egration, 1990, Page  |                |
|                       |   |                            |  |                             |  |   |                |

|           | <br>    | **** |            |  |
|-----------|---------|------|------------|--|
| Examiner  | <u></u> |      | Date       |  |
| Signature | .*      |      | Considered |  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.